Empowered by Innovation

NEC

MULTEOS M46

- Full HD resolution (1920 x 1080, native)
- HDMI and DVI-D (HDCP) input
- Sleek, stylish design
- Large number of interfaces and signals including SCART
- Analogue tuner (optional)
- Sophisticated overheating protection
- Option Slot
- Programmable LUT
- Example of target applications:
  Bars; (Video-)Conferencing; Broadcast; Retail Signage

see more.

NEC Display Solutions

HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE

FULL HD 1080p

MULTEOS M46

Panel Technology	S-PVA LCD
Active Screen Area (W x H) [mm]	1018.1 x 572.7
Screen Size [inch/cm]	46/117
Pixel Pitch [mm x mm]	0.530 x 0.530
Viewing Angle	178° horizontal / 178° vertical (typ. at contrast ratio 10:1)
Screen Aspect Ratio	16:9
Contrast Ratio (typ.)	1200:1
Brightness (typ.) [cd/m²]	450
Response Time (typ.) [ms]	8 (grey-to-grey)
Colours [Mio.]	16.77
Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
Vertical Frequency [Hz]	50.0 - 85.0
Optimum Resolution	1920 x 1080 at 60 Hz
Native Resolution	1920 x 1080 at 60 Hz
Other Resolutions	1600 x 1200; 1360 x 768; 1280 x 1024; 1280 x 768; 1024 x 768; 832 x 634; 800 x 600; 720 x 400; 640 x 480
Video Input	Analog: 1 x D-sub 15 pin; 5 x BNC, Component, Composite (via BNC and Cinch); 1 x S-Video; Digital: DVI-D (mit HDCP), HDMI
Video Output	Analog: 5 x BNC, Composite (via BNC)
Audio Input	2 x Cinch; 1 x 3.5 mm Head-jack
Audio Output	1 x Cinch
Option Slot	CAT 5 receiver; HD-SDI board; Single board computer; DVI daisy chain board
Plug & Play	DDC2B/2Bi
Safety and Ergonomics	CE; TÜV GS; C-tick; FCC Class B; UL/C-UL or CSA; PSB; VCCI; RoHS; Gost-R
Power Requirements on Mode [W]	260
Power Requirements Power-saving Mode [W]	< 5; < 1 (super standby mode)
Power Management	VESA DPMS
Power Supply	100-120 V/220-240 V; 3.9 A/1.65 A; integrated power supply
Ambient Temperature (operating) [°C]	+5 to +40
Ambient Humidity (operating) [%]	10 to 80
VESA Mounting Interface	600 x 200 FDMI (v1 + r1); 18 holes
Dimensions (W x H x D) [mm]	With stand: 1112.8 x 704.4 x 400; Without stand: 1112.8 x 659.4 x 142.5
Bezel Width [mm]	45.7 (left and right); 41.9 top/bottom
Weight [kg]	With stand: 39.3; Without stand: 35.2
Specials	AutoBright Technology (Signal Input); CableComp (digital 30m, analog 100m); Colour Temperature Mode; DICOM Profile; NaViSet® and NaViSet® Administrator compatible; OmniColor™; Overheating Protection with Controllable Fans; Picture-in-Picture Mode; Picture-over-Picture Mode; PIN Code Protection; Power-Off timer; Power-On Delay; SCART Support; Scheduler Function (with RTC); Selectable ID; TileMatrix (5 x 5)
Supported TV Standards	NTSC; PAL; SECAM
Video Modes	480i; 480p; 576i; 576p; 2 x720p (50 and 60 Hz); 2 x 1080i (50 and 60 Hz); 2 x 1080p (50 and 60 Hz)
Audio Functions	Option: Speakers (15 W + 15 W)
Remote Control	RS-232C (9-pin D-sub) Input and Output; D-sub 15 and DVI-D (DDC/CI); Remote Control IR
Interface Versions	IT: DVI-D; D-Sub 15; 5 x BNC (in/out); AV: All interfaces; no TV tuner; AVT: All interfaces; analog TV tuner
Shipping Content	Monitor; Stand; Power Cable; Signal Cable VGA - VGA; Remote Control IR; CD Manual
Warranty	3 years warranty including backlight

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